**In the Claims**

Claims 1, 13 and 23-27 are amended as follows.

1.  (Currently amended) A method of providing an interface over a network between a client computer and a server for controlling telephony equipment, comprising the steps of:

    a)  sending over the network to the client computer a first section of code including software elements which when loaded in web browser software enable a user of the client computer to issue commands to the server; and

    b)  ~~sending over the network to the client computer~~ formulating a second section of code as an open-ended stream of code which includes event notifications generated dynamically by the server in response to said telephony equipment, wherein at least some of the event notifications in the second section of code are adapted to update in the browser software one or more software elements received in the first section of code; and

    c)  sending over the network to the client computer said second section of code as a trickled stream of data which is encoded to be progressively and incrementally loaded by said web browser software;

whereby the first section of code provides a browser-based interface suitable for transmitting user generated events and the second section of code provides a mechanism for updating the browser with notifications of events provided by the telephony equipment.

2.  (Previously presented) A method as claimed in claim 1, wherein the first and second sections of code are provided as first and second frames within a single web page.

3.  (Original) A method as claimed in claim 2, wherein the second frame is encoded for interpretation as a hidden frame.

4. (Previously presented) A method as claimed in claim 1, wherein the second section of code is generated as an open-ended stream of code which continues to be generated by the server in response to new events notified by the telephony equipment while the communication with the client computer remains open.

5. (Previously presented) A method as claimed in claim 4, wherein the second section of code is provided as dynamic mark-up language code in the form of a series of discrete components which encode discrete software elements for interpretation by the browser software.

6. (Original) A method as claimed in claim 5, wherein the discrete software elements are Java or JavaScript elements.

7. (Previously presented) A method as claimed in claim 1, further comprising sending over the network a third section of code, said third section of code including a web services description of web services available on said server which enable remote control of the telephony equipment, whereby the software elements from the first section of code operate in conjunction with the web services description from the third section of code to enable the generation of appropriate commands to access the web services offered by the server, and thereby to control the telephony equipment.

8. (Previously presented) A method as claimed in claim 7, wherein the first and second sections of code are transmitted as first and second frames in a web page, and the third section of code is transmitted each time said web page is requested.

9. (Original) A method as claimed in claim 7, further comprising monitoring said network for commands from the client to operate the web services.

10. (Original) A method as claimed in claim 9, further comprising translating commands received from the client to operating commands for the telephony equipment.

11. (Previously presented) A method as claimed in claim 1, further comprising the steps of monitoring a first communications session including said first and second sections of code between the client computer and the server, and of monitoring a second communications session between the telephony equipment and a remote item of telephony equipment, whereby events occurring in the first and second communications sessions are synchronised with one another.

12. (Original) A method as claimed in claim 11, wherein the first communications session is controlled by a session manager which is in communication with a web server and the second communications session is controlled by a computer telephone integration manager which is in communication with said telephony equipment, the session manager passing commands received from the client computer to the computer telephone integration manager, and passing event notifications received from the computer telephone integration manager to the web server.

13. (Currently amended) A method of receiving an interface over a network from a server for controlling telephony equipment, comprising the steps of:
   a)   receiving over the network a first section of code including software elements which when loaded in web browser software enable a user of the browser software to issue commands to the server; and
   b)  receiving over the network a second section of code as an open-ended stream which includes event notifications generated dynamically by the server in response to said telephony equipment, wherein at least some of the event notifications in the second section of code are adapted to update in the browser software one or more software elements received in the first section of code, <u>wherein said second section of code is received as a trickled stream of data</u>

which is encoded to be progressively and incrementally loaded by said web
browser software;

whereby the first section of code provides a browser-based interface suitable for
transmitting user generated events and the second section of code provides a
mechanism for updating the browser with notifications of events provided by the
telephony equipment.

14. (Previously presented) A method as claimed in claim 13, wherein the first and
second sections of code are received as first and second frames within a single web
page.

15. (Original) A method as claimed in claim 14, wherein the second frame is
interpreted within the browser as a hidden frame.

16. (Previously presented) A method as claimed in claim 13, wherein the second
section of code is received as an open-ended stream of code which continues to be
generated by the server in response to new events notified by the telephony
equipment while the communication with the browser software remains open.

17. (Previously presented) A method as claimed in claim 16, wherein the second
section of code is received as dynamic mark-up language code in the form of a series
of discrete components which encode discrete software elements for interpretation by
the browser software.

18. (Original) A method as claimed in claim 17, wherein the discrete software
elements are Java or JavaScript elements.

19. (Previously presented) A method as claimed in claim 13, further comprising
receiving over the network a third section of code, said third section of code including
a web services description of web services available on said server which enable
remote control of the telephony equipment, whereby the software elements from the

first section of code operate in conjunction with the web services description from the third section of code to enable the generation of appropriate commands to access the web services offered by the server, and thereby to control the telephony equipment.

20. (Original) A method as claimed in claim 19, further comprising sending to the server commands to operate the web services in response to user actions in the browser.

21. (Cancelled)

22. (Cancelled)

23. (Currently amended) Apparatus for providing an interface over a network between a client computer and a server for controlling telephony equipment, comprising:

    a) a first code generator for generating a first section of code including software elements which when loaded in web browser software enable a user of the client computer to issue communications control commands to the server;

    b) a second code generator for generating a second section of code as an open-ended stream, said second code generator being in direct or indirect communication with said telephony equipment and being configured to generate event notifications in response thereto, wherein at least some of the event notifications in the second section of code are adapted to update in the browser software one or more software elements received in the first section of code, said second code generator being configured to transmit said second section of code as a trickled stream of data which is encoded to be progressively and incrementally loaded by said web browser software;

whereby the first section of code provides a browser-based interface suitable for transmitting user generated events and the second section of code provides a mechanism for updating the browser with notifications of events provided by the telephony equipment.

24. (Currently amended) A computer including a memory storing a web page, and a processor executing web browser software which displays said web page, wherein said web page comprises at least two frames, wherein one of said frames is a hidden frame generated as an open-ended stream of dynamically generated code <u>encoded to be progressively and incrementally transmitted to said client as a trickled stream of data</u> in response to event notifications from a computer telephone integration application and the other of said frames is a visible frame adapted to be modified within a browser in response to particular events received in the open-ended stream of dynamically generated code and including web page elements enabling a user to issue commands to said computer telephone integration application.

25. (Currently amended) A computer network including a client and a server connected across the network, wherein:

    the server comprises:

        a) a first code generator for generating a first section of code including software elements which when loaded in web browser software enable a user of the client computer to issue communications commands to the server; and

        b) a second code generator for generating a second section of code as an open-ended stream, said second code generator being in direct or indirect communication with said telephony equipment and being configured to generate event notifications in response thereto, wherein at least some of the event notifications in the second section of code are adapted to update in the browser software one or more software elements received in the first section of code, <u>said second code generator being configured to transmit said second section of code as a trickled stream of data which is encoded to be progressively and incrementally loaded by said web browser software</u>; and

    the client comprises:

        a memory storing a web page, and a processor executing web browser software which displays said web page, wherein said web page comprises at least two frames, wherein one of said frames is a hidden frame generated from

said second section of code, and the other of said frames is a visible frame generated from said first section of code,

whereby the first section of code provides a browser-based interface suitable for transmitting user generated events and the second section of code provides a mechanism for updating the browser with notifications of events provided by the telephony equipment.

26. (Currently amended) A computer program product comprising a computer-readable medium encoded with instructions which, when executed on a server having control of telephony equipment, are effective to cause the server to:

   a) send over the network to the client computer a first section of code including software elements which when loaded in web browser software enable a user of the client computer to issue commands to the server; and

   b) ~~send over the network to the client computer~~formulate a second section of code as an open-ended stream which includes event notifications generated dynamically by the server in response to said telephony equipment, wherein at least some of the event notifications in the second section of code are adapted to update in the browser software one or more software elements received in the first section of code; and

   c) send over the network to the client computer said second section of code as a trickled stream of data which is encoded to be progressively and incrementally loaded by said web browser software;

whereby the first section of code provides a browser-based interface suitable for transmitting user generated events and the second section of code provides a mechanism for updating the browser with notifications of events provided by the telephony equipment.

27. (Currently amended) A computer program product comprising a computer-readable medium encoded with instructions which, when executed on a computer connected to a network are effective to cause the computer to:

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a) receive over the network a first section of code including software elements which when loaded in web browser software enable a user of the browser software to issue commands to the server; and

b) receive over the network a second section of code as an open-ended stream which includes event notifications generated dynamically by the server in response to said telephony equipment, wherein at least some of the event notifications in the second section of code are adapted to update in the browser software one or more software elements received in the first section of code, wherein said second section of code is received as a trickled stream of data which is encoded to be progressively and incrementally loaded by said web browser software;

whereby the first section of code provides a browser-based interface suitable for transmitting user generated events and the second section of code provides a mechanism for updating the browser with notifications of events provided by the telephony equipment.